INTERNATIONAL SEARCH REPORT

PCT/GB 03/03462

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F01N3/023 F01N3/022 F01N3/031 F01N3/08 F01N3/20 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) FO1N IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched Electronic data base consulted durling the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to cialm No. WO 99 44725 A (JOHNSON MATTHEY PLC 1-5,7-9, ; CHANDLER GUY RICHARD (GB); TWIGG MARTYN 17-21 VINCE) 10 September 1999 (1999-09-10) page 1, line 6 -page 6, line 26; figures Y EP 0 061 304 A (JOHNSON MATTHEY PLC) 1-5,7-9, 29 September 1982 (1982-09-29) 17-21 page 6, line 7 -page 7, line 9 page 15, line 7 - line 15; figure 3 EP 1 262 641 A (MITSUI BUSSAN) 1-5. E 4 December 2002 (2002-12-04) 10-21 paragraph '0053! - paragraph '0062! paragraph '0097! - paragraph '0099!; figure 3 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *A* document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another ditation or other spedal reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-*O* document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed '&' document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 07/11/2003 31 October 2003 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340 – 2040, Tx. 31 651 epo nl, Fax: (+31-70) 340–3016

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